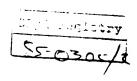# ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Network Enhancements & Workstation Project (NEWS)

FROM: Harry E. Fitzwater Deputy Director for Administration 7D 24 Hqs		EXTENSION	NO. DDA 85-0305/2
			DATE 1 February 1985

STAT

TO: (Officer designation, room number, and building)	DATE RECEIVED	FORWARDED	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
1. Comptroller 7C 21 Hqs				Jim,
2.				The attached paper responds to your 24 January AIM note (copy attached).
3. Executive Director 7D 55 Hqs				
4.				Signed
5.				Harry
6.				Attachments
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

DDA REGISTRY
FILE:

50-2

DDA,HEFitzwater:kmg (1Feb85)
Distribution:
    Orig PRS - EXDIR via Compt w/att & ref
        1 - Compt w/att & ref
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        1 - HEF Chrono

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FORM 610 USE PREVIOUS EDITIONS
1-79

GPO : 1983 0 - 412-632

NETWORK ENHANCEMENTS & WORKSTATION PROJECT

NEWS

Prepared for:

Congress

29 January 1985

The NEWS (Network Enhancements and Workstation) Project addresses two closely related Agency problems: the computer terminal available to our users and the data communications system that connects these devices to our central computers.

More than a decade ago the Agency selected a standard terminal and associated communications system to support the overwhelming majority of its data processing requirements. By any measure, this system has supported the Agency's needs very well over time.

Then, beginning two years ago, it became apparent to our users that this solution had inherent limitations which were going to severely limit the Agency's ability to effectively use the new technology being developed by the computer and communications industry. Elements leading to a general user dissatisfaction and prompting NEWS included:

- A word processing environment wholly incompatible with the data processing services;

- A plethora of IBM mainframe software which could not be used by the Agency due to the incompatability of our terminals and communications system with this software; and

- Rapid development of the personal computer (PC) marketplace with a set of software which also was beyond the reach of Agency users.

While these points have significant impact upon the users of data processing services, Agency technical personnel were becoming aware of

futher, more basic inadequacies of the current system. These included:

- The recognition that Agency programs such as SAFE, CAMS-II, and the ALLSTAR Upgrade represented fundamental changes in system architecture with greater distributed processing;

- The recognition that the personal computer is a 'computer', allowing further opportunities to enhance functionality and performance of Agency data processing systems;

- The recognition that a new high performance network with better data transmission speeds and services would greatly enhance the quality of the services provided to the users of data processing systems.

The decision to build a new facility on the CIA Headquarters compound provided the opportunity to begin addressing these shortcomings. The first and most basic step was taken by the New Building Communications Project in providing a modern communications backbone for both telephone and data services in the New Building as well as renovation of these services in the current facility.

Project NEWS takes the final steps in delivering the potential benefits of these new services to the end users. It will provide hardware to connect the new, high performance network to the central computers. It will provide users of SAFE, the Allstar Upgrade, and our other new systems a way to access these systems efficiently and more reliably because of automated network management facilities.

Project NEWS will also provide the capability to support a new workstation based upon a commercially available personal computer (PC). It will combine the word processing capabilities of our Wangs and the data processing functions of our current Delta Data terminal into a single workstation. In addition, users will be able to exploit the rapidly developing PC marketplace for services currently not available or implemented more efficiently in the workstation, such as word processing, spread sheets, application interface support, and others reflecting the software marketplace. It will also provide access to large quantities of software available on the mainframe computers that we cannot use today with our current terminals.

As part of NEWS, software is being developed which will permit most of the applications currently running on the central computers to work with either the old terminals or the new workstation. This will avoid conversion of these computer programs simultaneously avoiding the costs and risk. Also it will provide a smooth transition while both terminal types are present in the system over the next several years.

CONFIDENTIAL   85-0305

10:25 AM Thursday, January 24, 1985

25X1

NOTE TO: Harry E. Fitzwater
FROM:
SUBJECT: NEWS Program brief for congress

25X1

25X1

try to get a start on NEWS. Could you undertake to have
pulled together a short (3 page) and punchy paper explaining what it is
and why we need it. Should be coordinated with comptroller so were not
gettting ourselves crossways with ICS or OMB I should think.

cc: Daniel A. Childs, Jr.

DD/A REGISTRY
FILE: 30—t 50 2

CONFIDENTIAL

Note To: [   ]   35-0305/1   STAT

From: Harry E. Fitzwater

Subject: NEWS program brief for congress

The EXDIR asks that we pull together a "short (3 Page) and punchy paper
explaining what it is and why we need it". Get it to me as soon as you
can and I'll ensure that it gets coordinated with the comptroller before
it goes anyplace.

ROUTING AND TRANSMITTAL SLIP

Date 25 JAN 1985

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. EO/DDA	8m	25-1
2. ADDA	Q 28	JAN 1985
3. DDA	seen	
4.		
5. DDA Registry (file) H. 28 JAN		

Action		File	X	Note and Return	
Approval		For Clearance		Per Conversation	
As Requested		For Correction		Prepare Reply	
Circulate		For Your Information	X	See Me	
Comment		Investigate		Signature	
Coordination		Justify			

REMARKS

DDA has asked D/OBP to prepare.

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
	Phone No.

5041-102

OPTIONAL FORM 41 (Rev. 7-76)
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FPMR (41 CFR) 101-11.206

☆ GPO : 1983 O - 381-529 (301)

ROUTING AND TRANSMITTAL SLIP

Date 1/29

TO: (Name, office symbol, room number,	Initials	Date
1. DDA Staff	EM	30-1
2. 7D18 HQS		1410
3. HDDA		31 JAN 1985
4. DDA		
5.		

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

Paper for the EXDIR and Comptroller as requested in the DDA's note to D/ODP (attached).

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
	GD5313 HQS

5041-102

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